



**LOIS SECRET, TABULATION SERVICE DEPARTMENT, RIGHT**, is conferring with **Loren M. Lawhorn, center**; and **Ralph Pearson, left**, both of Training, about enrollment in college courses under the Union Carbide Nuclear Company Educational Assistance Program. She has taken advantage of the aid offered under the program to take college work in both Spring and Summer terms and is to enroll for more studies during the Fall Term. Lawhorn is coordinating the Educational Assistance Program in Y-12 and is being aided by Pearson.

## Packed House Is Indicated At Fall Dance On Saturday

**Y-12 Fun Seekers Urged To Come Early And Stay Late At Oak Terrace Ball Room**

Indications point to a packed house at the Fall Dance for Y-12ers on Saturday night of this week, September 8, at the air-conditioned Oak Terrace ball room. Ticket sales were reported booming last week with interest being high throughout the plant among the dancing enthusiasts and fun seekers. The fun starts at 9 p.m.

The Fall Dance is being arranged by members of the Y-12 Girls Club and the Recreation Department, with no pains being spared to make the affair enjoyable for all. Every effort will be made to provide entertainment for all, and every employee in the plant is invited to attend the festivities.

### Larry Dunn's Band To Play

Music for the dance will be provided by Larry Dunn and his nine-piece orchestra. The band has a vocalist who will sing current and old-time favorites frequently during the evening. This orchestra has played for previous Y-12 dances and has been well received on all occasions.

Tickets sell for \$1 per person, including all taxes. They may be obtained at the Y-12 Recreation Office, Room 226, Bldg. 9704-2, and also from Virginia Boswell, president of the Girls Club, Bldg. 9201-2; Evelyn Tucker, Cafeteria; Gib Hatmaker, Bldg. 9201-4; Lucy Hatmaker, Bldg. 9739; Jo Ann Rowan, Bldg. 9212; and Mildred White, Bldg. 9723-11A.

There will be no table reservations—so all Y-12ers intending to be present are urged to come early and stay late and thoroughly enjoy themselves. Dancing will continue until 1 a.m.

### TASTY ENTREES ARRANGED FOR SPECIAL LUNCHES

Two tasty entrees have been announced for the 50-cent Special Lunches to be served at the Y-12 Cafeteria tomorrow, Thursday, September 6, and next Tuesday, September 11. The main dish tomorrow will be barbecued pork on toasted buns with cole slaw. For next Tuesday the entree will be macaroni and cheese. Each Special Lunch also includes one vegetable, choice of salad or dessert and rolls and butter.

## Educational Aid Courses Listings Open For Y-12ers

**Training Department Has Full Information; Early Action Urged**

With Fall terms of scholastic institutions offering courses qualifying under the Union Carbide Nuclear Company Educational Assistance Program scheduled to open during September, all Y-12ers desiring to apply for assistance under the program are asked to take action early by filing their requests with the Y-12 Training Department, Building 9704-2, as soon as possible.

Because most approved courses for aid under the Educational Assistance Program usually begin with the Fall terms, a big increase in applications for assistance by Y-12ers in Fall term classes over those for Spring and Summer quarters is expected. Y-12ers desiring to apply for this assistance or wanting any information on the program are asked to make an early call at the Training Department offices.

### Time Required For Approval

Loren M. Lawhorn, Training Department coordinator for the Educational Assistance Department, points out that some time is required for aid applicants to obtain the necessary approval of department and divisional heads as well as the Y-12 Plant Superintendent before the employee can enroll in a qualified course.

A qualified course of study is described as one that will aid an employee in his present job or help prepare him for a different position with the Company. The course need not necessarily lead to a degree, but should relate directly to the fields of work carried on by the applicant in the Y-12 Plant.

### Listings, Schedules Available

The Training Department has received listings and schedules of University of Tennessee courses offered by the Division of University Extension and also graduate courses provided by the Graduate School, as well as the Electrical Engineering and Industrial Engineering Departments of the university. Lawhorn points out that full information regarding these courses as well as on classes offered by the Oak Ridge Adult Education Program and correspondence courses may be had from the Training Department, Bldg. 9704-2, telephone 7751. Ralph Pearson is assisting Lawhorn in taking applications for educational assistance and also in describing the courses offered.

In the Division of University Extension U-T is offering undergraduate classes in accounting, chemistry, civil engineering, business law, economics, engineering drawing, English, French, industrial engineering, marketing, mathematics, physics, psychology, speech, shorthand and statistics. These courses are to be given at Oak Ridge.

### Graduate Courses at Oak Ridge

The Graduate School of the university will offer 18 courses at Oak Ridge. They include classes in chemical engineering, chemistry, industrial management, mathe-

Continued on Page 2

## 10 Y-12ers To Give Papers On Civilian Application Of Atom

**UCNC Is Host To AEC Information Meeting**

Y-12ers will play prominent roles in the meeting scheduled for September 13, 14 and 15 by the Atomic Energy Commission in connection with its civilian application program aimed at interesting private industry in the atomic energy program. Roger F. Hibbs, of the Superintendents' Department, is co-chairman of the meeting with F. K. Pittman, of AEC. Out of the 23 papers to be presented 10 will be by Y-12 men.

### Technical Information Meeting

The meeting is called an Industrial Technical Information Meeting On Cold Processing Of Enriched Uranium. In addition to the Y-12 Plant, representatives of the K-25 Plant, Oak Ridge National Laboratory, National Lead Co. of Ohio, Fernald, Ohio; and the Mallinckrodt Chemical Works, St. Louis, Mo., will participate in the program and deliver papers.

Union Carbide Nuclear Company is host to the meeting and sessions will be held in the auditorium of Bldg. 4500, Oak Ridge National Laboratory. During the meeting tours\* will be made of Bldg. 9211 in Y-12 and also Bldg. K-1420 at the K-25 Plant.

### Y-12ers On Program

The Y-12 men who will give papers at the meeting are W. L. Griffith, Process Engineering; G. E. Isham, Chemical; J. D. McLendon, Superintendents; Fred C. Uffleman, SS Control; E. W. Bailey, Quality Control; L. C. Emerson, Health Physics; L. E. Burkhardt and J. M. Googin, Development Operations; F. M. Tench and G. R. Jasny, Product Processing.

## Instrument Society Sets Meeting In Ridge Tonight

Donald Lin, project engineer of the research and development section of the Block-Sivalls and Bryson Co., Tulsa, Okla., will speak at the 110th meeting of the Oak Ridge Instrument Society of America at 8 o'clock tonight, Wednesday, September 5, at the Ridge Recreation Hall. His subject will be "Control Valve Sizing" in which he will describe three years of testing and study of the principles behind properties of control valves used for water, steam and gas flow control.

A considerable number of Y-12ers are members of the instrument group and are urged to attend the meeting tonight to hear Lin, a mechanical engineering graduate from the University of Missouri.

## SAFETY SCOREBOARD

**The Y-12 Plant Has Operated 16 Days Or 495,104 Man-Hours (Unofficial Estimate) Without A Lost Time Injury Through August 30**



Roger F. Hibbs

## Improved Methods Reports Are Urged

**New Book Describes Unclassified Work**

Any Y-12 employee who in the course of his daily work develops some improved, unique or novel methods of increasing the efficiency of his job is urged to report the matter, through supervision, to the Y-12 Patent Office, Room 242, Bldg. 9704-2, plant telephone 7739. In the past numerous such developments and methods have originated in the Y-12 Plant that have resulted in better plant operations.

### Developments of General Interest

A new publication entitled "Patent Department Review," issued by the Oak Ridge and Paducah facilities of Union Carbide Nuclear Company, is describing some of these new unclassified developments in the Oak Ridge and Paducah units of UCNC that have been reported to the Patent Office. These developments, all arising out of Atomic Energy Commission contract work, are believed to be of general interest to UCNC employees and have not been presented in such detailed manner in other unclassified publications.

In the first edition of the "Patent Department Review" the work of four Y-12 employees has been described. They are Abraham Kreig and Tom S. Mackey, both of Development Operations; Bernard G. Jenkins, Product Processing; and Ralph D. Frey, Process Engineering.

### Work of Y-12ers Described

Jenkins' contribution was the development of a replacable dry box glove that provides for means of replacing the hand of a glove quickly by even unskilled employees. Frey reported a development on a powder valve that improves valving arrangements for controlling the flow of liquids and particulate material and particularly to valves which are especially useful in controlling the gravity flow of powders through vertical cylindrical conduits. A method of copper flashing was reported by Kreig, it being a new

Continued on Page 2



# The Bulletin

Published Weekly By And For  
Y-12 Employees Of  
UNION CARBIDE  
NUCLEAR COMPANY  
A Division Of  
Union Carbide And Carbon  
Corporation

Post Office Box Y  
Oak Ridge Tenn.  
GEORGE W. DOBBS . . . Editor

OFFICE  
Bldg. 9704-2 Room 228  
Telephone 7751



**HOWARD HORNE**, Maintenance Planning, took first place in the Y-12 Photographic Contest for the week ending August 24 with the top picture, "Beating The Heat," showing his youngster all set for a dip in a plastic pool. **J. H. Stewart, Jr.**, Health Physics, took second place with the lower picture, "Reunion Days," that shows the science building at Western Kentucky State College, Bowling Green.



Get well wishes are sent to the following Y-12 employees who were patients last week in the Oak Ridge Hospital:

Patrick Dabbs, Jr., Production Inspection; E. F. Swaney and A. C. Neeley, Colex Operations; Robert W. Jenkins, Research Services; John Henley, Material Control; Hillard Applin, Howard Peckman and Carl Oody, Buildings and Grounds; Robert L. Gilmore and F. E. Cox, General Machine Shop; Pledger C. Goins, Guard; Roy F. Toivonen, Quality Control; N. B. Keplinger, A Mechanical Operations; J. M. McMaster, Property; Robert Fuller, Janitors.

## Holland Scientist To Talk At Physics Seminar Meet

J. Van Kranendonk, of the Institute Lorentz of the University of Leiden, Holland, will speak at the Oak Ridge Physics Seminar meeting on Friday afternoon of this week, September 7. His subject will be "Statistics of Ferro and Anti-Ferro Magnetism." All Y-12 technical and scientific personnel are invited to attend the session, which will be at 3:15 p.m. in the auditorium of Bldg. 4500, Oak Ridge National Laboratory.

No job is so big or so small or so urgent that it can't be done safely.

# Indians Had Peculiar Names For It -- But It's September To Us



September's here — schools are open, autumn is due to arrive around September 21 and the football season has started.

It is a month of several important anniversaries and special weeks. The birthstone of the month is the sapphire and the

flower of the month is the aster.

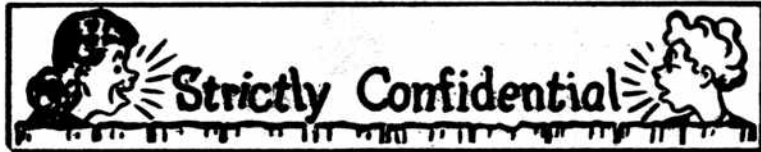
Of course, on the calendars the period is called "September." However, the Indians had a variety of names for the month—some of them real surprising. For instance, the Delaware tribe called it—hold on, now—"kitschitach-quoach gischuch." Translated by experts on Indian affairs, it means simply "Autumn Month." The Yankton Sioux Indians called the period "Moon-To-Gather-Wild-Rice," and the Chippewas of Northern Minnesota named it "Month-Of-The-Shining-Leaf." The Crees of Canada declared it "kis-o-pesim, meaning "Moon-

When-Moose-Lose-Their-Horns."

Starting off on the anniversaries, on September 5, 1774, George Washington and Patrick Henry were among the 56 patriots from the American colonies who met, despite the British opposition, to form the Continental Congress in Philadelphia.

Harvard College, named for clergyman John Harvard, its benefactor, was instituted on September 14, 1638.

On September 15, 1904, Orville Wright made the first turn in the air in an airplane. Five days later his brother, Wilbur, made a complete circle.



Ho, hum—it's a heckuvalong-time until Thanksgiving, ain't it? With that comforting thought out of the way, leave us digress to detour among the divisions and dig up the doings and goings about of Y-12ers.

## SHIFT SUPERINTENDENTS AND GENERAL UTILITIES

Plant Shift Superintendent "Uncle" Dan H. Rader and family took off in that new two-tone buzzmobile for Charleston, W. Va., for a visit . . . Jean Granstaff week ended at her home in Dwelltown, Tenn. . . H. N. Benninghoff has bought some waterfront (at low tide) lots on a nearby lake and plans to build a cabin thereon . . . Those getting-around Hopkins, Ada and C. C., Mechanical Operations, spent the Labor Day week end with friends over in West Tennessee.

R. P. Mann, General Utilities, and family attended his wife's annual family reunion in West Tennessee over the week end . . . C. F. Meadors is vacationing over in Cookeville, Tenn., and then plans to go to Kentucky . . . Sidney Mee is doing some fishing and didn't leave an address for his pet location.

The Steam Plant sends get-well wishes to H. D. Baker, on the sick list . . . I. J. C. Maples is off angling somewhere.

## INDUSTRIAL RELATIONS

Medical extends the best of good luck to Newell Bolton, who is transferring to Carbide and Carbon Chemicals Company at South Charleston, W. Va. . . Penny Keene and husband, Oliver, of Property, took in Tuscaloosa, Ala., over the long week end . . . Carl Brewster is going to compete in the National High Power Rifle Championships at Camp Perry, Ohio, while vacationing . . . Dr. E. L. Parrott is vacationing quietly in Andersonville . . . Betty Jo Butler spent the Labor Day holidays over in West Tennessee.

Security's Gwen Fletcher is vacationing in Tampa, Fla.

Rosa Lowe, Cafeteria, is vacationing at home in Clinton, and David Treece is fishing up around Morristown.

## TECHNICAL

Civil and Architectural Engineering sends its best wishes along with Cliff Williams and Bob Harris, who are returning to the University of Tennessee . . . Larry Koontz, Electrical Engineering, is putting around the Oak Ridge golf grounds while vacationing . . . Allen True is a busy vacationer—attending a wedding in Chattanooga, playing some golf and doing some fishing.

Mechanical Engineering folks believing in "going East" . . . George McGown has been up in Massachusetts and E. J. Asbury and wife are touring the New England states.

P. C. McRee, Health Physics, also has been roaming around loose up in Yankee land . . . Sewell Brown is a new papa—no statistics yet.

Daisy Ward, Production Analysis, and her family spent the Labor Day period over around Asheville, N. C., camping out and seeing "Unto These Hills" . . . Martha Nelson found home most relaxing for her week's vacation . . . The Chemical and Spectroscopy Laboratory presented Bill Burns with a "surprise" gift on his leaving the department for other duties . . . Rapid recovery wishes are sent Rella Davis.

Special Projects welcomes Sam Rea, transferred from the Alloy Division . . . More get well wishes to Bobby Bagwell—no sooner had he returned to work last week after a virus infection than he was forced back on the sick list with the same ailment . . . Dick Wyrick is vacationing at home in Knoxville with side trips to baseball games where he can find them.

## MECHANICAL OPERATIONS

B Mechanical Operations is congratulating J. B. Tilley, who has a new granddaughter . . . J. E. Gilstrap joined the Proud Pop's Club on August 22, when a son, James Donald, arrived in their family weighing seven pounds, 11 ounces . . . Energetic vacationing gents are J. J. Campbell and R. D. Taylor—house painting and farming, respectively . . . Not so F. N. Leonard—he's going over to Darlington, S. C., to see the automobile races . . . A. L. Hensley is in Indiana, H. H. Sanning is visiting in St. Louis and Jefferson City, Mo., and H. P. Frederick went to New Mexico to visit his son while on vacation . . . Stay-at-homes were and are J. A. Lewis, E. H. Giles and W. R. Coats . . . Ed Sise and H. E. Cornell tried their angling luck in Emory River recently—no reports.

G. D. Parker, E Mechanical Operations, and the missus visited his wife's parents recently in Kansas . . . L. R. Nolan tried the fishing and resting at Marlow . . . C. C. Carter is working on his new home at Coalfield . . . L. Johnson selected Alabama for a week off.

James H. Douglas, Sr., D Mechanical Operations, and Mrs. Douglas were happy to receive a recent long-distance telephone call from their son, Pvt. James H. Jr., in Germany—they also had another son, Pfc. Kenneth Douglas, home with them for a week . . . J. H. Rhyne is visiting kin folks in Nashville . . . Those Darlington races also attracted D. G. Kaiser, Jr. . . . A. D. Marlow got the squirrel hunting season off to an early start . . . Florida drew C. D. Wills and E. E. Gouge went to Indiana for vacation spots.

F Mechanical Operations sends get-well wishes to H. W. Clear in Ft. Sanders Presbyterian Hospital in Knoxville—and also is glad to see Ernie Collins back after a spell in Oak Ridge Hospital with a back injury . . . Al Fischer and family are spending a couple of weeks in the Land Of The Itching Palm . . . Milt Dickens is back from the same locale . . . C. H. Edwards and C. B. Wilson are catching up with events in Harriman . . . J. F. Campbell is in Oliver

## Improved Methods Reports Are Urged

Continued from Page 1

and simple technique for the work. An improved Moineau pump was described by Mackey, the development being a modification that extends Moineau pump operation for use with corrosive and erosive liquids.

The "Patent Department Review" (K-1300, Vol. 1, No. 1) is available for reading by interested Y-12ers in the Y-12 Plant Records Department on the Cafeteria Building first floor or at the Oak Ridge National Laboratory Library, Y-12 Branch.

Springs . . . C. W. Stegall is finding his way around that new home in Kingston . . . W. L. Jones is back from a Georgia vacation.

Get-well wishes are sent by General Machine Shop to F. E. Cox and R. L. Gilmore, both in Oak Ridge Hospital—the latter recovering from injuries suffered in a recent automobile accident . . . Florida deep sea fishing attracted several Shoppers over Labor Day—One party spending a couple of days in Panama City, Fla., included R. B. Wyrick, M. A. Parrish, U. M. Oxford, C. M. McAmis, T. R. Livingston, W. B. Tyree, Avis Collins, W. F. Ragsdale and S. W. Lindsey—Tyree declared he is now vacationing to clean all the fish he caught on that trip . . . J. D. Davis is also trying the deep water angling at Moorehead City, N. C., for two weeks . . . Plain fresh water fishing is good enough for George Stines at Fontana and E. R. Easterday at Hickory Star on Norris . . . A. G. Bryant is another speed fan at the Darlington, S. C., automobile races . . . D. H. Allen is visiting his mother at Hiwassee Dam, N. C., and L. C. Watson is in Memphis . . . Labor Day found J. L. Crossono Jr. in Cleveland, Ohio . . . L. C. Love is back from an Illinois vacation.

More folks getting around from the Machine Shop . . . H. C. Day is vacationing in Arkansas . . . L. C. Burnett in Kentucky . . . E. M. Coburn in Birmingham, Gulfport, Miss., and New Orleans . . . J. B. Bowman at home in Fountain City with a probable side trip to Chattanooga . . . P. W. Bullard went to Columbus, Ga. . . O. Mack points in Virginia . . . F. H. Johnson picked out North Carolina . . . L. R. Marler using home in Oak Ridge for a base for fishing trips.

## MANUFACTURING OFFICE

Plant Records sends get-well wishes to Mrs. O. C. Hartman . . . Herb Reynolds is vacationing in Clinton.

Kathryn Ballentine, Engineering Records, week ended in Alabama and then vacationed at her home in Lenoir City . . . Don McMurray and folks are attending his wife's family reunion in Western Kentucky.

Reproduction reports Bernice Lemons resting at home in Oak Ridge.

A recent week-end visit to Berea, Ky., allowed Barbara Pullen, Cashier and Travel Office, a chance to see "Wilderness Road." Beverly Domer, Property, found



The legislative history of the United States Senate began on September 24, 1789, when it passed the law creating the United States Supreme Court.

The victory by John Paul Jones ("Surrender? I have not yet begun to fight!") in the good ship Bon Homme Richard over the British vessel Serapis was gained on September 25, 1779.

Of the special days and weeks of the month, Citizenship Day is observed on Monday, September 17. On September 23 Gold Star Mothers of the nation will be paid tribute. For dog lovers the week of September 23-29 is National Dog (woof) Week.

So there you are.

## Educational Aid Data Available For Y-12ers

Continued from Page 1

matics, metallurgy, physics and statistics.

The Electrical Engineering graduate courses are to be offered at the university campus in Knoxville. They include classes in advanced calculus and vector analysis, transients in linear systems, feedback systems, power systems, advanced vacuum tube circuits and electromagnetic radiation and propagation.

## Industrial Engineering Offered

Industrial Engineering courses offered by the university include a survey course in industrial engineering and management, motion and time study, work simplification, history of industrial engineering, new developments in industrial engineering, industrial research, plant layout and work measurement.

The Educational Assistance Program provides 50 per cent of the cost of tuition, laboratory fees, books and supplies—not to exceed \$50 per quarter or \$150 for a 12-month period. The permitted expenses are paid to employees on presentation of evidence of successful completion of a qualified course of study.

## 63 Y-12ers Receive Assistance

During the past Spring and Summer quarters, 63 Y-12ers have been enrolled in University of Tennessee, Oak Ridge Adult Educational Program and correspondence courses that qualified for assistance. Of course, there are other educational institutions offering qualified subjects for study by Y-12ers under the Educational Assistance Program.

To be eligible for aid under the Educational Assistance Program, a Y-12er must be a salaried employee with at least six months of Company Service Credit. The program does not apply to anyone receiving governmental aid for educational purposes, such as the GI Bill.

During the Spring term there were 46 Y-12ers enrolled in approved courses under the Educational Assistance Plan. Of this number 38 employees have been paid a total of \$781.33, an average of little more than \$20 each. Two were enrolled in correspondence courses on which payments are made on a 12-month basis and six have not yet applied for reimbursement. During the Summer term there were 17 Y-12ers aided by the program with seven in correspondence courses, nine in University of Tennessee classes and one in a business college.

Remember—Only you can  
**PREVENT FOREST FIRES!**

Continued on Page 4



# Classic Loop Opens Pin Season Tonight

## B Shift Plans Bowling League Meet Sept. 12

The rumble of bowling balls and the crash of falling pins will mark the opening of the keglering season for Y-12ers tomorrow night, Thursday, September 6, when the Classic League of 12 teams will begin alley activities. This loop will be followed by the C League next Wednesday night, September 12. The Classic League will bowl at the Oak Terrace every Thursday night again this season and the C League will operate on Wednesday nights at the Central Bowling Alleys.

### Eight-Team League Planned

Meanwhile, bowlers on the B Shift are planning a league for that particular group and an organization meeting is set for 1:30 o'clock next Wednesday afternoon, September 12, at the Recreation Office, Room 226, Bldg. 9704-2. All team captains or representatives are urged to attend this session.

Tentative plans call for an eight-team league for the B Shifters to bowl at the Central alleys every Tuesday, the time being determined by the shift working hours.

The Mixed League was scheduled to meet last Friday when it was hoped to form an eight-team league for the coming season. This loop, composed of teams of two men and two women bowlers each, was highly popular last season when it operated with six teams.

### Same Teams Back In Action

Jack McLendon is president of the Classic League with Harold Ratjen serving as vice president and Charley Gillihan secretary-treasurer. The same 12 teams that competed last year will be back in action. They are the Has Beens, last season's champions; Wasps, Tigers, Cubs, Playboys, Rippers, All Stars, Screwwalls, Swingsters, Bumpers, Wolves and Rebels.

In the C League the same eight teams that vied for honors last season have returned. The Sooners were champions last season and their crown will be sought by the Q Balls, Rebels, Rusty Fives, Deltas, Hornets, Murderer's Row and Glass Arms. Carl W. Frazier, Sr., is secretary-treasurer of the C League, which will elect a president and vice president next Wednesday night when the season opens.

## Ridge Title Tilt Is Set This Week

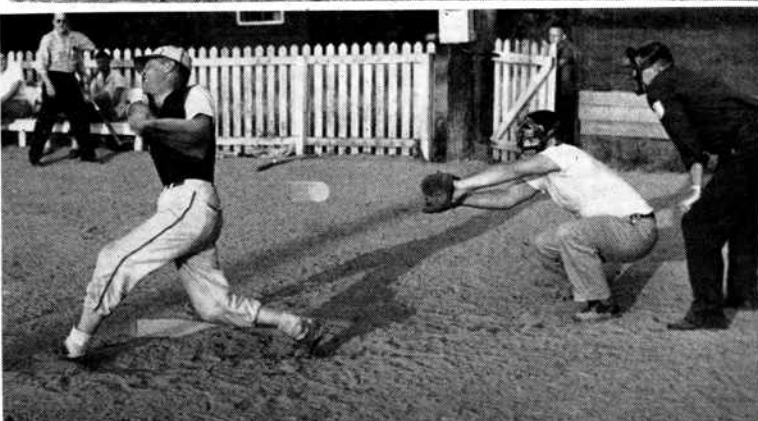
The George Mitchel-Nelson Tibbatts team won second half of the season honors in the Y-12 Plant Golf League at Oak Ridge last week when they gained an even split with the Hines-Emlet outfit at three points each. Boyd-Oliphant made a strong finish with a six-point whitewash win over Patterson-Peterson, but could not catch the leaders. Smith-Bartholomew took six points from Harris-Gillen and Orrison-Saylor handed a similar defeat to Holzknicht-Peckman. Ratjen-Snyder broke even with McLendon-Underwood.

Mitchel and Tibbatts will play Orrison-Saylor, first-half winners, for the season's championship some time this week.

Leading gross and handicap scorers last week were Boyd 40-34, McLendon 44-34, Oliphant 45-36, Ratjen 45-36, Smith 45-38, Patterson 44-38, and Mitchel 44-38.

Final league standings at end of second half follow:

Team	W	L
Mitchel-Tibbatts	38½	15½
Boyd-Oliphant	37	17
Hines-Emlet	33½	20½
Smith-Bartholomew	27½	26½
Patterson-Peterson	25	29
Harris-Gillen	23	31
Ratjen-Snyder	22	32
Holzknicht-Peckman	22	32
Orrison-Saylor	21	33
McLendon-Underwood	21	33



**SOME HUSTLING SOFTBALL** was presented in many games by Y-12 plant leaguers during the summer season—and here are a couple of pictures showing real action. At top W. E. Belvin, of the 49ers, has just beaten out an infield hit against the Alloy team and was snapped as he beat First Baseman J. J. Miller, with left hand, in a race for the bag. At left is Alloy Second Sacker Jack Owens and the coach at right is 49er Curt Ridings. "Look, ma, no hands" might be the caption for the lower picture as the camera caught 49er Catcher Bill Dodson taking a strong but futile swing with the bat. The catcher is E. K. Beeler, of the Alloy team, ready for the ball.

## Y-12 Softball 'World Series' Slated For September 15 At Midtown Diamond

The long looked forward to "world series" to determine the Y-12 Plant softball championship has been set to start on Saturday, September 15, with a doubleheader at Midtown Diamond No. 1 in Oak Ridge between the 49ers and Early Birds. The games will be at 6:30 p.m. and 8 p.m.

Apparently both Managers Ralph Ford, of the 49ers, and E. W. Smith, of the Early Birds, are confident of taking two straight games as no provision for a third game was made in the preliminary arrangements.

Both teams won their league races in straight heats by taking top honors in both halves of the split seasons. The 49ers were top dogs in the American League while the Early Birds copped the crown in the National League.

To keep their charges in good shape, both managers are expected to have their teams working out in practice sessions before the crucial series. Both pilots have top flight pitchers with the veteran Ed Sise being the outstanding hurler in the American League and P. W. Bullard earning a like rating in the National.

## Kendig-Coley Take 'Shoe Pitch Lead

Rain handicapped the horseshoe pitchers in the Y-12 Ladder competition last week but in the one match played the Kendig-Coley combination beat the previously top-ranked team of Len Hart and Frank Zupan to take over first place.

As of last Thursday the ladder standing was (1) Kendig-Coley, (2) Beckett-Smith, (3) Hart-Zupan, (4) Horton-Hackett, (5) Moses-Vermillion, (6) Hawk-Lewis, (7) McGinnis-McCoig, (8) Gillihan-Whitaker, (9) Ragsdale-Keys, (10) Rapier-Toney, (11) Haggard-Smith, (12) Simmons-Davis.

## Ellis And Anglin Win Final Half

The team of Ed Ellis, of Y-12, and Jim Anglin, of Oak Ridge National Laboratory, won the second half of the season crown in the Harriman-Lenior City Golf League for Union Carbide Nuclear Company players. The season closed last week with the winners having a 15-6 record.

The first half of the season in this loop ended in a tie between the H. Tuck-Samples team and the Daggett-Clark combine. They will play off the deadlock and the victors will meet Ellis and Anglin for the season's title.

Final second half of the season standings follow:

Team	W	L
Ellis-Anglin	15	6
Daggett-Clark	14	7
McConkey-Rapier	12	9
Guinn-Martin	11½	9½
T. Tuck-Duff	9½	11½
Saylor-Kahley	9	12
Hamill-Mackey	8	13
H. Tuck-Samples	2	19



"Nothing like a little competition to make things interesting, eh Tom?"

# Big Entry List Seen In All-Carbide Meet

## Tourney Play Starts On Coming Week End

A big entry list from all three of the Union Carbide Nuclear Company units in Oak Ridge is expected for the All-Carbide Golf Tournament that will get under way at the Oak Ridge Golf and Country Club and other nearby courses this coming week end. The deadline for entering the event will be noon tomorrow, Thursday, September 6, and every Y-12ers wanting to play in the tournament who has not already filed his entry should do so at once. An entry blank is published at the bottom of this page.

### May Start September 8

Immediately after the deadline, recreation supervisors of Y-12, K-25 and the Oak Ridge National Laboratory will begin the big job of arranging flights and pairing players for matches. Every effort will be made to match players from different facilities in competition to increase interest in the tournament.

The pairings should be completed in ample time to allow play to begin in the first round on Saturday, September 8. All first round matches must be completed before Friday, September 14. The second round matches must be played within the following week and completed before Friday, September 21. The third and final round matches to determine the championships in the various flights must be finished before Friday, September 28.

### Players May Pick Course

Contestants may decide the course over which they will play their matches. However, if no decision can be reached, the matches must be played at the Cedar Hills Club course at Martel. Players likewise may determine the length of their matches at either nine or 18 holes and again, if there is no agreement, 18 holes must be played.

As many flights as necessary to accommodate the entrants will be arranged. Listings will be in orders of averages over the year in plant leagues or plant tournaments. Winners in each flight will receive trophies.

Pale O'Neal, of the Y-12 Colex Operations Department, is the defending champion in the All-Carbide Tournament. In addition to O'Neal, five other Y-12ers took flight honors last year out of the 14 flights played.

## Ratjen's Fame Fled Despite TV Shots; No One Saw Show

Harold "Grandpa" Ratjen is one of Y-12's most avid golfers—and so is Jay Holzknicht—and the pair thought they were on their way to fame in the recent Oak Ridge Invitational Golf Tournament when a television camera made its appearance as the pair were staging an important match—dime a hole or something like that.

As Holzknicht was putting the camera started clicking and Jay missed his shot. However, unruffled Ratjen calmly stroked his ball and it rolled about eight feet to drop in the hole—right in front of the camera. Harold took a bow and after the match he modestly awaited for friends to tell him how well he appeared on the sports program.

However, fame fled somewhere—as neither Ratjen or Holzknicht found anyone who had seen the program—even when they asked.

## Bowling Lessons Offered Y-12ers

Free instruction in bowling will be offered Y-12ers every Friday night at the Central Bowling Alleys. Anyone wanting to enroll for the instruction is asked to communicate at once with the Y-12 Recreation Office, Room 226, Bldg. 9704-2, phone 7751. There will be no charge for the bowling lessons, the bowlers only having to pay alley fees. Instructors will be Frank Zupan, Clyde Smith and Len Hart, all well known Y-12 and Oak Ridge bowlers.



## All-Carbide Golf Tournament Entry Blank

Name..... Dept.....  
 Plant Address.....Plant Phone.....  
 Home Address.....  
 Home Phone.....  
 Shift..... Date.....

Fill out and mail or bring to the Y-12 Recreation Office, Room 226, Bldg. 9704-2. Deadline for entering tournament is 12 noon, Thursday, September 6.



Bulk Rate  
U. S. Postage  
**PAID**  
Oak Ridge, Tenn.  
Permit No. 71

**UNION CARBIDE  
NUCLEAR COMPANY**  
A Division of  
**Union Carbide And Carbon Corporation**  
Post Office Box Y  
Oak Ridge, Tenn.  
**RETURN POSTAGE GUARANTEED**

POSTMASTER: DO NOT FORWARD. IF ADDRESSEE HAS MOVED, RETURN TO SENDER IMMEDIATELY.



THIS GROUP OF WELL-WISHERS in the Y-12 Carpenter Shop met August 29 to bid farewell to S. V. Evans, seated center in easy chair presented him on the eve of his early retirement from the Company. The retirement became effective Friday, August 31.

## Retiring Carpenter Given Easy Chair

### S. V. Evans To Live In North Carolina

Declaring that the Y-12 Plant and his fellow employees "the best plant I ever worked in and the finest bunch of men with whom I have ever been associated," Samuel Verlan Evans, a carpenter in the Buildings and Grounds Department took an early retirement from the Company on Friday, August 31.

The former Y-12er was born October 18, 1893, in Ranger, N.C., making him just short of 63 years old when he retired.

After a life time of work as a self employed carpenter and also working with several construction firms, Evans came to work in Y-12 on September 9, 1944.

He and his wife, Mrs. Katherine Evans, plan to leave this week for their farm eight miles from Murphy, N.C., where he plans light farming and gardening in the future.

## AEC To Sponsor Meeting At Gatlinburg This Week

Lewis L. Strauss, chairman, has announced that the U.S. Atomic Energy Commission will sponsor a conference on Engineering Education and Nuclear Energy for college and university presidents and deans of engineering at Gatlinburg, Tenn., September 5 to 8. Presidents and deans of engineering of 150 colleges and universities having accredited engineering courses have been invited. Dr. Willard F. Libby, member of the Commission, will address the conference September 6.

The purpose of the conference, which was suggested by the American Society of Engineering Education, is to provide an opportunity for college and university administrators to discuss programs of education and training for science and engineering students planning nuclear energy careers.

The program includes a tour on September 7 of the Oak Ridge Institute of Nuclear Studies at Oak Ridge and the unclassified facilities of the Oak Ridge National Laboratory.

**BE SURE IT'S SAFE,  
THEN GO AHEAD!**

## Rides Wanted, Offered

Rider wanted from vicinity Washington Pike, Valley View Road, Whittle Springs area, Inskip Road, Old Central Pike or Clinton Highway to Central Portal, straight day. W. L. McCormick, plant phone 7302, home phone 2-5207, Knoxville.

Car pool member wanted from section between Jefferson and Pennsylvania Avenues to West or Bear Creek Portal, straight day. Ernest Edwards, home phone 5-9819, Oak Ridge.

Want to join car pool from vicinity of 158 West Tennessee Ave., Oak Ridge, to Central or North Portal, straight day. R. G. Dunn, plant phone 7-8344, home phone 5-2997, Oak Ridge.

Five riders wanted from Lenoir City via White Wing Gate to West, Central or North Portal, straight day. D. H. Allent, plant phone 7722, home phone 234-J, Lenoir City.

Two riders wanted from Dayton, Tenn., to North Portal, straight day. H. D. Dobbs, plant phone 7737, home phone 5-7094, Dayton.

Car pool member wanted from West Hills, Knoxville, to North Portal, straight day. G. E. Hileman, plant phone 7696, home phone 8-1594, Knoxville.

## Sheehan-Stephens Win Net Matches

The team of J. R. Sheehan and A. M. Stephens won a pair of matches in the Y-12 Tennis Ladder last week, the only two played as showers dampened proceedings considerably. As a result the combination advanced one rung on the ladder. Their victims were Fletcher and Secrist and Dabic and Ardary.

The ladder standing as of last Thursday was (1) Don Wood - Bob Harris, (2) Frank Ballenger - Bill Hackett, (3) Lee Horton - Al Fisher, (4) George Everett - Jack Thomson, (5) Mike Laggio - John Perry, (6) Fran Willie - Mary Cusman, (7) John Nicely - John Gregory, (8) J. R. Sheehan - A. M. Stephens, (9) Steve Dabic - Zane Ardary, (10) Gwen Fletcher - Lois Secrist, (11) Nell McGinnis - Helen Gombita.

Hear about the two whales who met in the sands of the Sahara Desert?

Said one to the other:  
"Long time no sea."



Continued from Page 2  
home in Oak Ridge a good vacation site.

Property Sales extends condolences to C. G. McNulty, whose stepmother died recently.

Get-well wishes are sent by Production Inspection to Pat Dabbs Jr., in Oak Ridge Hospital.

Lucia Shults, Stores, and her husband, Capt. D. C. Shults, Guard Department, are visiting her folks in Easley, S. C. . . . Buzz Strunk and family are visiting in Kentucky and doing some fishing and hunting . . . Georgia Rader also is a vacationer angler . . . Materials Control rolled out the welcome mat for Dorothy Tompkins, recently transferred from Property.

Clem Jones, Receiving, is vacationing at home in Lansing, Tenn.

### MAINTENANCE

Maintenance Planning reports Clyde Brewer and wife, Jean, are vacationing in St. Petersburg, Fla. . . . Joyce Williamson and brothers, Joe and Blackie, Labor Dayed in Washington seeing some big league baseball . . . Helen Sisson and her husband, Albert, are in Cincinnati and Cleveland, Ohio . . . Mildred White had her mother and father as recent visitors—they visited Gatlinburg and the Smokies . . . Wires were crossed on H. A. Fisher, Jr., his vacation spot was at home in Knoxville instead of Clinton, as previously reported.

Salvage extends sympathy to K. E. McCulley, whose mother died August 27.

Research Services extends rapid recovery wishes to the wife of L. H. Simmons — also to Blackie Blackburn, T. C. Caldwell and J. D. Hilton . . . Ann Kennedy and her husband, Frank, of the Alloy Division, are visiting and sight-seeing in Denver, Col.

Electrical Engineering extends sympathy to A. F. Kasey, whose mother-in-law died recently.

T. A. Polston, of the Laundry, is taking three weeks of rest at home in Harriman . . . A. M. Wagner is at home in Knoxville. . . . Harry Tiller is banging away at squirrels around Lake City.

Jay Holzknecht, Process Maintenance, has been visiting relatives in Louisville, Ky.

Alloy Maintenance has T. A. Hickman vacationing at Panama City, Fla., and Bainbridge, Ga. . . . O. C. Lee and J. V. Welch in Chattanooga . . . Condolences are extended F. H. Perry, whose sister, Mrs. Pat McCulley, died recently at Caryville.

Walter Creekmore, of the Garage, is spending a couple of weeks visiting a son in New York City . . . H. H. Adcock has designs on squirrel life around Niota.

Paddy Peckman's pals in Buildings and Grounds and throughout Y-12 were glad to hear last week that he underwent a successful operation for that damaged disc in his spine.

Johnny Finger, Mechanical, finally unlocked that Oak Ridge Hospital door and went home after a long siege of confinement that began while he was vacationing in Florida in July . . . Paul Kompa joined the Proud Pop's Club August 22 when the stork consigned a baby girl to the family—weighed nine pounds, two and one-half ounces on arrival at Oak Ridge Hospital and was named Rita June.

### ALLOY

Those refreshed and rested faces around Alpha Four belong to vacationers who spent their week at home just taking it easy—the Wise Ones were G. H. Kesterson at Clinton, J. W. Graves at Maryville, Leroy Thornton at Kingston and W. C. Williams at Knoxville . . . Frank Townsend spent a more hectic trip—camping out with the bears in the Smokies . . . Charley Mills attended the annual family reunion in LaFollette last Sunday.

T. W. Hatton is in St. Petersburg, Fla., this week—(getting fit-



## Y-12 Brothers Proud Of Third As Educator

### Dr. Dan M. McGill Paid Tribute In Magazine

Two Y-12 brothers are justly proud these days over the standing of another brother in the field of finance and education. The Y-12ers are Capt. William R. McGill, of the Fire Department; and Marvin G. McGill, a machinist specialist in C Mechanical Operations. The brother is Dr. Dan M. McGill, at 37 a full professor of insurance at the Wharton School of Finance and Commerce of the University of Pennsylvania.

### Believed Youngest In Field

Dr. McGill, who obtained his Bachelor of Arts degree at Maryville College in 1940, his master's at Vanderbilt in 1941 and Ph.D. at the University of Pennsylvania in 1947, probably is the youngest full professor in his field in the country, his proud brothers here declare.

Dr. McGill was honored with an article in The Pennsylvania Gazette, published by the General Alumni Society of the University of Pennsylvania in the June, 1956 issue. The article stated in part:

### Wrote On Government Insurance

"The dissertation that Dr. Dan M. McGill wrote for his Ph.D. at Pennsylvania in 1947 may be said to have changed the course of government. It was entitled 'An Analysis of Government Life Insurance' and the issues resulted in the appointment of two Congressional committees and the eventual change of the whole structure of Government life insurance to accord with his views. Basically, he proved that it would have been cheaper for the United States to have given every serviceman \$10,000 of free term insurance rather than establish its complicated system of contractual insurance."

"Obviously after that Dr. McGill could have picked his own spot in the insurance business; but ever since his high school days in Tennessee he had planned to enter education, and the determination did not leave him . . ."

### Born In Greenback, Tenn.

Dr. McGill was born in Greenback, Tenn., September 27, 1919, the son of John Burton and Janie Mays McGill. His accomplishments in the field of education and finance have earned him a spot in the Monthly Supplement of Who's Who issued earlier this year.

## 10 Years Service

Congratulations to the following Y-12 employees who will complete 10 years of Company Service within the next few days:

Lester D. Hayes, Product Processing, September 9.

William L. Sharp, Chemical, September 11.

Y-12 FIRE DEPARTMENT Capt. W. R. McGill and his brother, Marvin G. McGill, of C Mechanical Operations, proudly look over a story in the University of Pennsylvania alumni publication about another brother, Dr. Dan M. McGill, professor at the Wharton School of Finance and Commerce of the University of Pennsylvania, whose picture is shown below.

ted for one of those green benches?) . . . The girls of the Alloy Division had a weiner roast and gabfest last week—a sort of "hail and farewell" affair for Mary Scott, who is transferring into the Division to meet the gals, and the last get-together for Joann Cornett, who is transferring out . . . Other Alloyites attending the shindig were Mabel Tyer, Barbara DeMarcus, Nancy Stutts, Ann Ware, Natalia Potter, Mary Jo Otten, Nell McGinnis, Helen Gombita, Joyce Myers, Barbara Guettner and Jean Vaughn . . . Art Neeley just got under the wire for August stork visits—the Big Bird left a bouncing boy for him at Oak Ridge Hospital August 30, weighed eight pounds, six ounces and was named Stephen William . . . J. H. Haslering is vacationing in Illinois.

Alpha Five just called to tell that a son was born August 16 to Mr. and Mrs. Doyle Scott at Bacon Hospital, Loudon—named Michael Doyle.

### CHEMICAL

The Chemical Department congratulates J. A. Wade on the arrival of a son August 15; weighed nine pounds, three ounces and was named Mark Patrick . . . Allie Baer is a time-saving gal—doing fall house cleaning while vacationing . . . Ruth Hounshell is vacationing in Virginia . . . S. E. Justice is at home in Oliver Springs. . . . C. F. Christie is visiting relatives in Johnson City . . . H. A. Tobe is taking it easy in Knoxville.

So that's "hail and farewell" from the Colyum Conductor, who, after visiting virtually all precincts around the territory, calls it a night.

S'long until next week.

Suitor: "Sir, I have come to ask for your daughter's hand in marriage."

Father: "My boy, you're only 21 and she's 27. Why not wait a few years until you're both about the same age?"